GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:2416
ANSWERED ON:04.12.2000
COST OF GENERATION AND SUPPLY OF POWER
GIRDHARI LAL BHARGAV

Will the Minister of POWER be pleased to state:

(a) the details of the power generating States in the country along with its capacity thereof, State-wise;

(b) the details of those States from which power is being supplied to Rajasthan;

(c) whether there is any difference between the cost of generation and the rate at which the supply is made;

(d) the conditions on which power is being supplied to Rajasthan by other States and whether the supply of power is being made by other States as per the share of Rajasthan;

(e) if not, the reasons therefor and the steps taken in this regard?

(f) the rate at which power is being supplied by the State Governments to the consumers of agriculture, domestic and factory; and

(g) the steps taken to decrease the rate of power supply to consumers?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA)

(a) : The details of State-wise and category-wise installed generating capacity in the country are given at Annexure-I.

(b) : Rajasthan meets its requirement of power from
(i) its own sources of generation,

(ii) Share in central sector power stations and joint sector power projects namely BBMB& Chambal-Satpura Complex.In addition, power is being availed by the State Government from other constituents of the region from their surpluses under bilateral arrangement. At present, Delhi is surplus of power during off-peak hours and, therefore, its share of allocation of 11% from the unallocated quota of central sector stations in the Northern Region during off-peak hours from 12.00 Hrs. to 17.00 Hrs.and 22.00 to 05.00 Hrs. w.e.f. 18.11.2000 is being supplied to Rajasthan. MOU hasbeen signed between DVB and RRVPNL on 12.10.2000 under which DVB`s share in Dadri TPS generation ranging from 15% to 50% (depending upon the availability ofBTPS units) is being diverted to Rajasthan during 23.00 hrs. to 06.00 hrs. of the next day. The agreement has come into force w.e.f. 23.00 hrs. of 16th October, 2000 and will be valid upto 15th march, 2001. Further, bilateral agreement between PSEB andRRVPNL has also been finalised for sale of power by PSEB to RRVPNL.

(c) : The cost of power of Dadri NCTPS, being supplied to Rajasthan, out of Delhi`sshare, is 195 paise per unit (tentative) excluding transmission charges.

(d) & (e) : The various terms and conditions for supply of power from DVB to Rajasthan include the following :

(i) Supply to RRVPNL shall be on firm basis and shall be accounted on first charge basis from Dadri TPS.

(ii) Even if DVB experiences shortage of power at any time during the above periodof the supply to RRVPNL, DVB shall have no claim on its 15%/25%/50% share, as applicable, in Dadri TPS committed to RRVPNL.

(iii) Above arrangement can be terminated by either party by giving one Week`s advance notice to the other party under intimation to NREB.

(iv) Hourly drawl schedule of RRVPNL and DVB shall be prepared by NRLDC keeping in view the above arrangement.

(v) All payments for supply as per above arrangement shall be made by DVB andRRVPNL to NTPC directly based on REAs issued by NREB.

(vi) A copy of this MOU would be furnished to NRLDC for implementation.

(vii) In case of any dispute, the decision of Member Secretary, NREB would be final and binding on both the parties.

The terms and conditions for supply of power from PSEB to Rajasthan are given below :-

(i) Approximately 30 LU per day with break of 4 peak hours as per PSEB loading conditions during the day would be supplied.

(ii) The maximum power transfer at a time is not to exceed 250 MW.

(iii) Exact quantum of power to be transferred hourly will be scheduled one day in advance.

(iv) Transfer of power can be restricted/curtailed/eliminated on two hours advance notice on the force majeure conditions of reduction in power generation from PSEB generating units.

(v) The rate of power transfer will be 240 paise per unit.

(vi) Current power transfer will be on weekly advance payment basis.

(f) : Details of SEB/utility-wise estimated average rate for agriculture, domestic and industry are given at Annexure-ll.

(g) : With the enactment of the Central Electricity Regulatory Commission Act, 1998and constitution of the State Electricity Regulatory Commissions in the States by the respective State Governments, the SERC are empowered to determine/regulate tariff forbulk/retail supply of power in the States.

ANNEXURE REFERRED TO IN REPLY TO PART (a) TO LOK SABHA UNSTARRED QUESTION NO.2416 TO BE ANSWERED ON 4.12.2000 REGARDING COST OF GENERATION AND SUPPLY OF POWER

Annexure-I

INSTALLED GENERATION CAPACITY (UTILITIES) AS ON 31.03.2000 (IN MW)

State/UTs.	Hydro	Thermal	Nuclear	Wind	Total (MW)	Steam	Gas	Diesel	Total
Haryana	883.90	892.50	0.00	3.92	896.42	0.00	0.00		1780.32
Himachal Prad	299.37	0.00	0.00	0.13	0.13	0.00	0.00		299.50
Jammu & Kashmir	225.19	0.00	175.00	8.94	183.94	0.00	0.00		409.13
Punjab	1798.94	2130.00	0.00	0.00	2130.00	0.00	0.00		3928.94
Rajasthan	971.08	1475.00	38.50	0.00	1513.50	0.00	2.00		2486.58
Uttar Pradesh	1510.75	4542.00	0.00	0.00	4542.00	0.00	0.00		6052.75
Chandigarh	0.00	0.00	0.00	2.00	2.00	0.00	0.00		2.00
Delhi	0.00	335.00	282.00	0.00	617.00	0.00	0.00		617.00
Central sector	2010.00	5400.00	2168.00	0.00	7568.00	1130.00	0.00		10708.00
Total (N.Regn)	7699.23	14774.50	2663.50	14.99	17452.99	1130.00	2.00		26284.22
Gujarat	547.00	4864.00	1635.00	17.48	6516.48	0.00	166.91		7230.39
Madhya Pradesh	892.91	3437.50	0.00	0.00	3437.50	0.00	22.59		4353.00
Maharashtra	2825.22	7655.00	1832.00	0.00	9487.00	0.00	79.28		12391.50
Goa	0.05	0,00	48.00	0.00	48.00	0.00	0.11		48.16
Daman & Diu	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
D&N Haveli	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Central Sector	0.00	4360.00	1292.00	0.00	5652.00	860.00	0.00		6512.00
Total (W. Region)	4265.18	20316.50	4807.00	17.48	25140.98	860.00	268.89		30535.05
Andhra Pradesh	2671.94	2952.50	542.40	0.00	3494.90	0.00	88.04		6254.88
Karnataka	2685.55	1520.00	0.00	127.92	1647.92	0.00	34.22		4367.69
Kerala	1752.50	0,00	135.00	228.00	363.00	0.00	2.03		2117.53
Tamil Nadu	1993.20	297.00	130.00	200.00	3300.00	0.00	758.44		6051.64
Pondicherry	0.00	0.00	32.50	0.00	32.50	0.00	0.00		32.50

Central Sector 0.00 4170.00 350.00 0.00 4520.00 690.00 0.00 5210.00

Total (S.Region) 9103.19 11612.50 1189.90 555.92 13358.32 690.00 882.73 24034.24

Bihar 174.90 1813.50 0.00 0.00 1813.50 0.00 0.00 1988.40
Orissa 1571.92 420.00 0.00 0.00 420.00 0.00 1.10 1993.02
West Bengal 164.01 4086.38 100.00 22.50 4208.88 0.00 0.00 4372.89
Sikkim 32.89 0.00 0.00 5.00 5.00 0.00 0.00 37.89
Central Sector 204.00 6547.50 90.00 0.00 6637.50 0.00 0.00 6841.50
Total (E.Region) 2147.72 12867.38 190.00 27.50 13084.88 0.00 1.10 15233.70
Assam 2.00 330.00 269.00 20.69 619.69 0.00 0.00 621.69
Manipur 2.60 0.00 0.00 9.41 9.41 0.00 0.00 12.01
Meghalaya 186.71 0.00 0.00 2.05 2.05 0.00 0.00 188.76
Nagaland 3.50 0.00 0.00 2.00 2.00 0.00 0.00 5.50
Tripura 16.01 0.00 64.50 4.85 69.35 0.00 0.00 85.36
Arunachal Pra 29.55 0.00 0.00 15.88 15.88 0.00 0.00 45.43
Mizoram 5.31 0.00 0.00 20.36 20.36 0.00 0.00 25.67
Central Sector 355.01 0.00 375.00 0.00 375.00 0.00 0.00 730.01
Total (N.E.Region)600.69 330.00 708.50 75.24 1113.74 0.00 0.00 1714.43
A&N Island 0.00 0.00 0.00 34.05 34.05 0.00 0.00 34.05
Lakshdweep 0.00 0.00 0.00 9.97 9.97 0.00 0.00 9.97
Total (Islands) 0.00 0.00 0.00 44.02 44.02 0.00 0.00 44.02
Total (All India)23816.01 59900.88 9558.90 735.15 70194.93 2680.00 1154.72 97845.66

Annexure-II

ANNEXURE REFERREDTO IN REPLY TO PART (f) OF LOK SABHA UNSTARRED
QUESTION NO.2416 TO BE ANSWERED ON 4.12.2000 REGARDING COST OF GENERATION AND SUPPLY OF POWER.

S.NO. NAME OF UTILITY TARIFF EFFECTIVE FROM DOMESTIC AGRICULTURE INDUSTRY

2KW (100 kwh/month)
5KW (400 kwh/month)
10KW (200 kwh/month)
5HP, 15% LF(408 KWH/MONTH
10HP, 20% LF(1089 KWH/MONTH
SMALL (10HP,25%LF (1361KWH/MONTH)
MEDIUM (50HP,40%LF (14600KWH/MONTH
LARGE (1000HP, 65%LF (474500KWH/MONTH
HEAVY (10000HP, 60%LF (4380000 KWH/MONTH
HEAVY (15000HP, 50%LF (5475000 KWH/MONTH

1 AP 1.6.2000 231 361 463 37.45 35.92 414.69 439.88 438.16 491.05 501.39
2 Assam 1.9.1998 228.2 280.92 292.35 99.5 144.18 284.26U, 139.76R 381.6 353.19 365.71 373.72
3 Bihar 1.7.1993 139.00- U,46.00-R 150.75 161.1 0.15 31.09 157 140.54 211.99 214.58 212.07
4 Gujarat 22.10.1996 290.25-U,274.69-R 411.72U, 381.27R 444.53U, 409.91R 51.06 61.21 342.87 371.44 461.94 493.19 -
5 Haryana 15.6.1998 210 304.5 311.4 55.15 50 402 402 402 402 390.24
6 HP 1.9.1998 69.75 93.81 113.6 65 65 172 232 252 252 248.55
7 J&K 1.4.2000 36 366 366 61 61 240 244 240 244 -
8 Karnataka 1.11.1998 197.5 261.25 372 30.64 22.96 271.16 335.43 424.55 441.92 446.25
9 Kerala 1.2.1998 110 286 236 66.43 64.94 171.67 171.6 182.97 186 -
10 MP 1.3.1999 92.2 194.73 229.78 73.53 55.1 227.6 396.2 434.59 437.71 427.33
11 Maharashtra 1.5.2000 239.25 359.57 447.43 91.91 107.44 335.23 360.53 429.85 436.36 -
12 Meghalaya 1.9.1996 85 103.57 107.5 56 56 149.49 168.43 156.07 157.8 -
13 Orissa 1.12.1998 115 190 220 85 85 245 290 325.02 333.73 344.68
14 Punjab 29.7.1998 172.8 214.95 251.58 0 0 240 258 290 290 391.75
15 Rajasthan 1.11.1999 207.5 231.88 236.75 72 50.86 339 372 395 395 393.06
16 TN (Chennai 3.1.2000 117 216.25 269.7 25.53 19.13 234.53 416.42 406.53 420.30 418.27
Metro Area)
(Non Metro Area) 405.92 396.05 409.80 407.77

17 UP (Non-continuous
Industries 25.1.1999 229.00-U,60.00-R 214 241 52.7 38.11 379.57 407.36 409.99 417.58 398.7

Continuous Industries 416.95 436.19 439.29 425.43

18 W.Bengal 26.1.1999 181.25U,168.1R 339.44U,319.33R 405.83U,361.75R 54.66 123 336.56U,313.57R 407.46 377.48 370.73 37 0.37
19 Arunachal Pr. 1.3.1993 95 135 135 - - 185 195 250 250 -
20 Goa 1.3.1999 95 143.75 192.5 70 70 225 286.85 337.79 248.52 354.64
21 Manipur 18.3.2000 152.2 204.7 152.2 152.2 162.2 223.2 213.18 213.36 215.43
22 Mizoram 1.3.2000 115 200 227 55 55 242.65 200 200 200 200
23 Nagaland 1.12.1995 200 275 275 150 150 250 275 275 275 -
24 Sikkim 1.5.1999 125U,90R 177.5U,131.25R 188U,139.5R 195 197.04 201.63 135.12 149.44 151.21 -
25 Tripura 1.4.1999 269 192.5 170 120 120 140 190 - - 0
26 A&N Islands 1.4.1994 85 182.5 217 50 50 218.3 228.63 - - -
27 Ch. Garh 10.11.1998 142.25 203.56 239.33 62.68 61.75 265 300 353 353 -
28 Dadra & NH 1.2.1987 72.5 85.63 98.25 50 50 170.1 170.36 180.86 181.85 342.76
29 Daman & Diu 1.4.1998 122.5 153.13 191.25 56 55 210 224.18 .234.30 236.06 -
30 Delhi 1.4.1997 105 203.44 220.38 52.5 62 362 352.08 401.93 408.18 -
NDMC 1.4.1997 105 203.75 270.5 0 0 362.13 362.13 - - 404.5
31 Lakshdweep 1.4.1997 150 200 200 0 0 160 100 - - -
32 Pondicherry 1.4.1999 55 85 112 11.74 7.27 177.96 183.82 222.41 331.26 -
33 Ahmedabad Elec. 26.2.1998 292.6 264 400.76 292.31 281.78 348.23 339.47 398.94 402.27 -
34 Calcutta(CESC) 20.10.1998 205.43 365.98 436.25 - - 377.01 425.5 424.12 427.14 -
35 DVC(Bihar area) 1.9.2000 - - - - 296.72 304.63 422.8
(W.Bengal area) - - - - 312.68 321.19 311.19
36 Durgapur Project 1.2.1995 92.43 255.1 258.1 120 199 223.93 273.3 262.4 264.62 328.24
37 Mumbai (BEST) 15.7.1997 82.5 270.77 366.74 - - 602.74 654.3 364.48 368.08 -
BSES 1.10.1998 151.8 443.05 475.3 50 50 578.41 540.23 394.52 395.51 -
TATA`s 1.12.1998 143 320.26 376.63 - - 387.74 397.74 363.6 367.24 376.73

U = Urban,
R = Rural,
E = Exclusive of energy charges.

The above statement has been prepared on the basis of rates of electricity tariff,duty&FCA reported to CEA upto 28.11.2000.